

# Table of Contents: Volume 1, 1991

## Number 1

Editorial .....	5
Algebraic Structure of Some Stochastic Discrete Event Systems, with Applications..... <i>P. Glasserman and D.D. Yao</i>	7
Strong Consistency of Infinitesimal Perturbation Analysis for Tandem Queueing Networks..... <i>Y. Wardi and J.Q. Hu</i>	37
On Tolerable and Desirable Behaviors in Supervisory Control of Discrete Event Systems .....	61
Modeling Operator/Workstation Interference in Asynchronous Automatic Assembly Systems .....	93
Editorial Board .....	125
Contributing Authors .....	135

## Number 2

Editorial .....	147
Dynamic Setup Scheduling and Flow Control in Manufacturing Systems ....	
..... <i>A. Sharifnia, M. Caramanis, and S.B. Gershwin</i>	149
Eigenvalues of Dynamic Max-Min Systems .....	177
On Condition/Event Systems with Discrete State Realizations .....	
..... <i>R.S. Sreenivas and B.H. Krogh</i>	209
Contributing Authors .....	237

## Number 3

Editorial .....	247
Full-State Perturbation Analysis of Discrete Event Dynamic Systems .....	
..... <i>Zi-Qin Wang, Wen-Zhong Song, and Chun-Bo Feng</i>	249
Event Rates and Aggregation in Hierarchical Discrete Event Systems .....	
..... <i>Kevin M. Passino and Panos J. Antsaklis</i>	271
New Performance Sensitivity Formulae for a Class of Product-Form Queueing Networks .....	289
..... <i>Xi-Ren Cao and Dye-Jyun Ma</i>	
Monotonicity Properties of Cost Functions in Queueing Networks .....	
..... <i>Panayotis D. Sparagkis and Christos G. Cassandras</i>	315
Contributing Authors .....	329

## Number 4

Convergence of Recursive Optimization Algorithms Using Infinitesimal Perturbation Analysis Estimates . . . <i>Edwin K.P. Chong and Peter J. Ramadge</i>	339
Simulating Finitely Recursive Processes in LISP . . . . . <i>Randall A. Ceisla and Pravin Varaiya</i>	373
Smoothed Perturbation Analysis for a Class of Piecewise Constant Sample Performance Functions . . . . . <i>Y. Wardi, W.-B. Gong, C.G. Cassandras, and M.H. Kallmes</i>	393
Recursive Equations And Basic Properties of Timed Petri Nets . . . . . <i>François Baccelli, Guy Cohen, and Bruno Gaujal</i>	415
Contributing Authors . . . . .	441

